



FEMA

Disclaimer: The purpose of this briefing is to provide a ***Regional*** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to www.weather.gov/srh and click on the "Weather Forecast Offices" tab and click on the map for your area.

FEMA Region 6 Weather Threat Briefing

Saturday, September 30, 2017

Issued: 0800 CT

Day One Impacts: Moderate to isolated major river flooding continues for the Nueces and Rio Grande Rivers.

Flash flooding possible over N & Central NM through this afternoon.

National Weather Service

*Southern Region Headquarters
Regional Operations Center
Fort Worth, TX*



**Prepared by: Jennifer McNatt
817-978-1100 x 147**

Key Points



Today

- Moderate to Major river flooding continues in SW TX as well as one river point in SW OK; the Nueces is cresting in Major flood at Cotulla and will very slowly recede this week
- Flash flooding possible over N & Central NM through this afternoon

Sunday - Wednesday

- Lingering minor to moderate river flooding will continue as the rivers recede
- No other significant weather impacts expected

Tropical Outlook

- Tropical Storm Maria and Post-Tropical Cyclone Lee will have no impact on FEMA Region 6
- Environmental conditions have become less conducive from the NW Caribbean Sea northward across the FL Peninsula for tropical cyclone formation, but heavy rainfall is still likely for FL from this system
- Environmental conditions over the eastern Caribbean Sea northeastward across the Lesser Antilles have become unfavorable for any development of a tropical wave currently located there. Tropical cyclone formation is not anticipated.

FEMA Region 6 Threat Matrix

Sep 30, 2017 - Oct 4, 2017

	SAT	SUN	MON	TUE	WED
Severe Weather					
Heavy Rain / Flash Flooding	N & Cntrl NM				
Fire Weather					
River Flooding	SW TX, SW OK	Nueces	Nueces	Nueces	Nueces
		Rio Grande			
Tropical Weather					

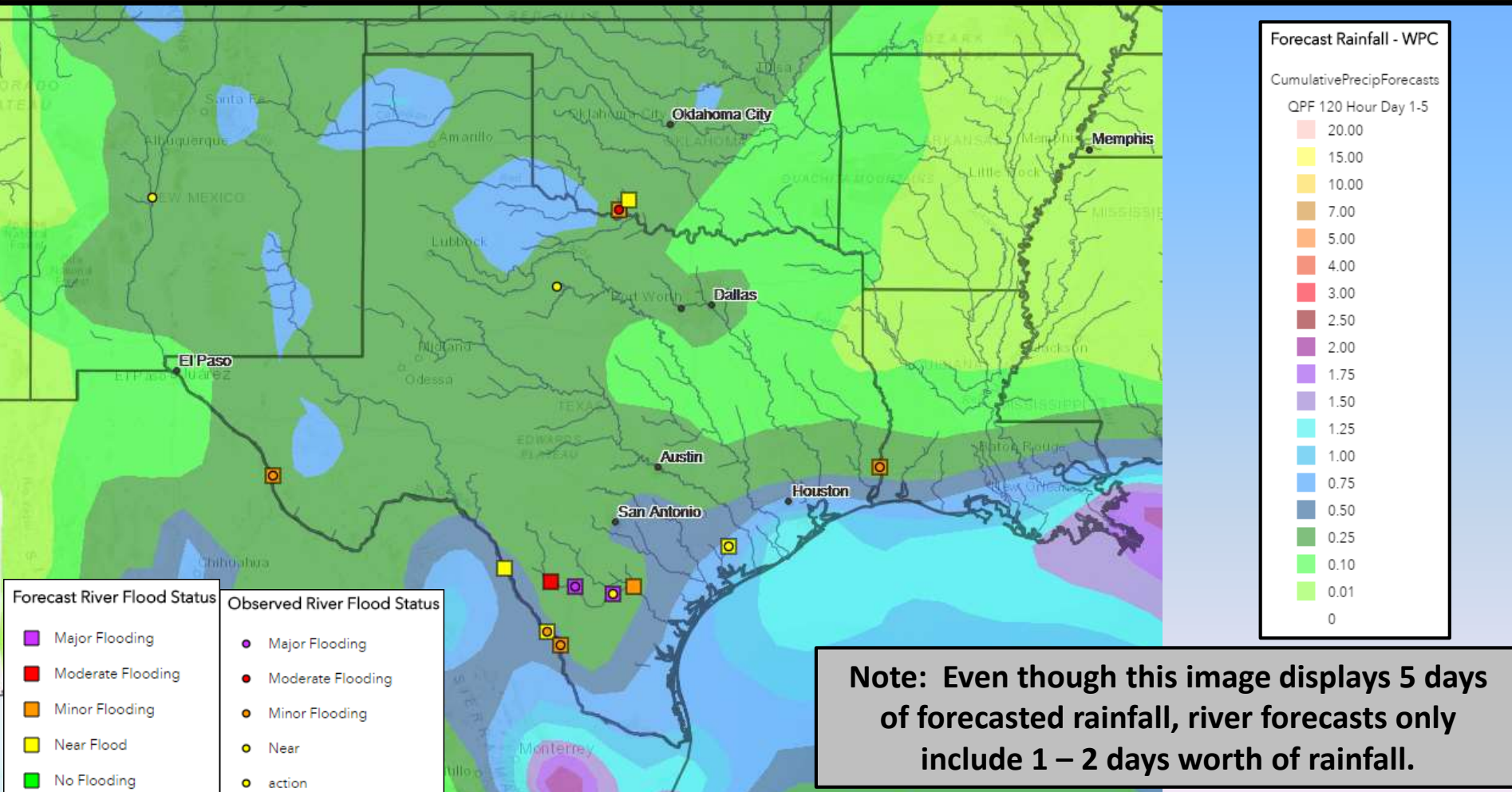
	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

For more details on the colors in the threat matrix refer to the last slide in this briefing.



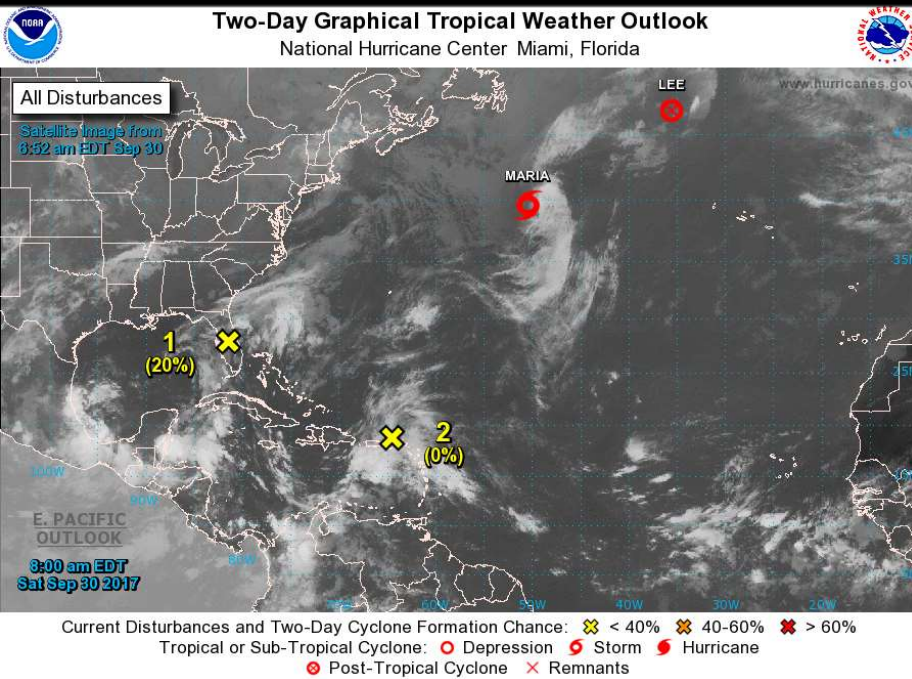
5-Day Precipitation Forecast & River Flood Status

Moderate flooding along the Rio Grande will continue for the next several days. The Nueces River at Cotulla is cresting in major flood, and will slowly recede into next week. The Sabine River at Deweyville remains in Minor flood. Deep Red Creek near Randlett will rapidly fall.



For the latest on river flooding: <http://water.weather.gov/ahps>

Tropical Weather Outlook



2. Environmental conditions have become unfavorable for development and tropical cyclone formation is not anticipated. This system will move W-NW to W during the next few days.

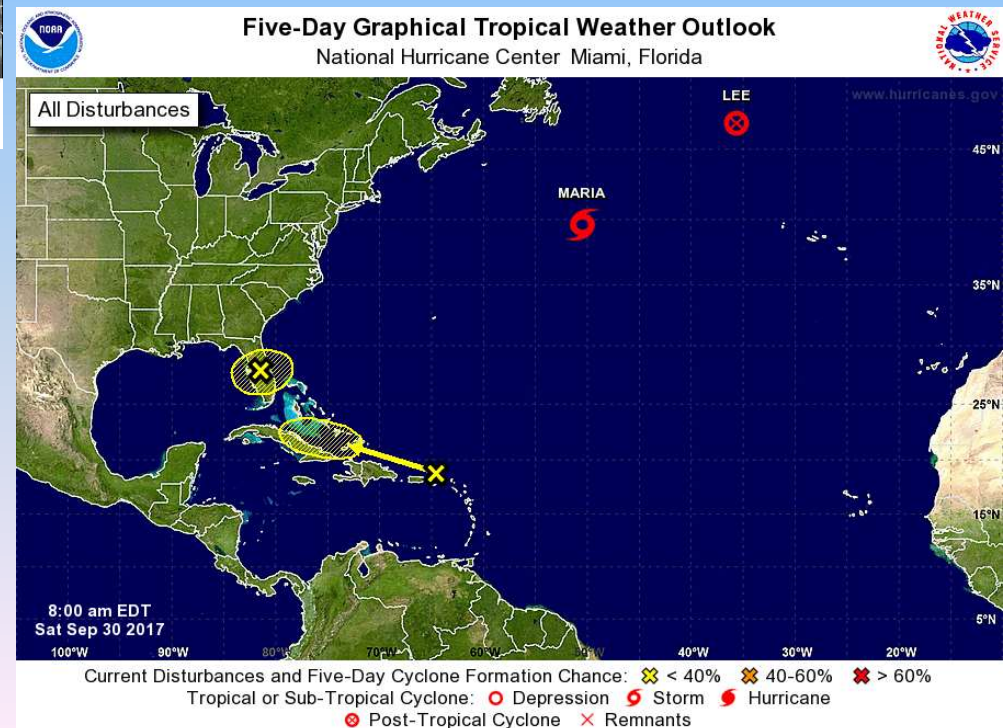
Formation chance through 48 hours...low...0%
Formation chance through 5 days...low...0%

No impacts to Region 6 from Tropical Storm Maria or Post Tropical Cyclone Lee.

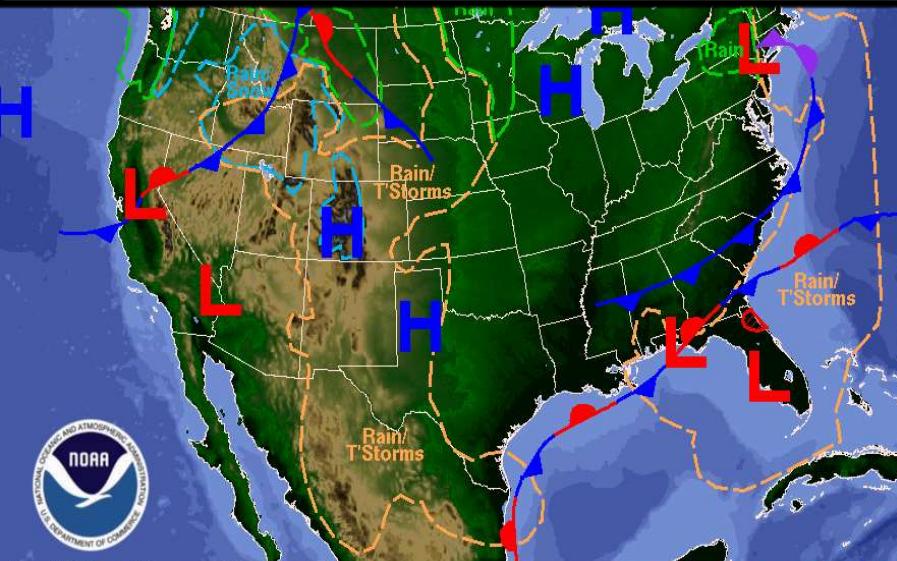
1. Environmental conditions over the NW Caribbean Sea northward across the FL Peninsula have become less conducive for development. But heavy rainfall is possible over the FL Keys & FL Peninsula.

Formation chance through 48 hours...low...20%

Formation chance through 5 days...low...20%



Today's Weather

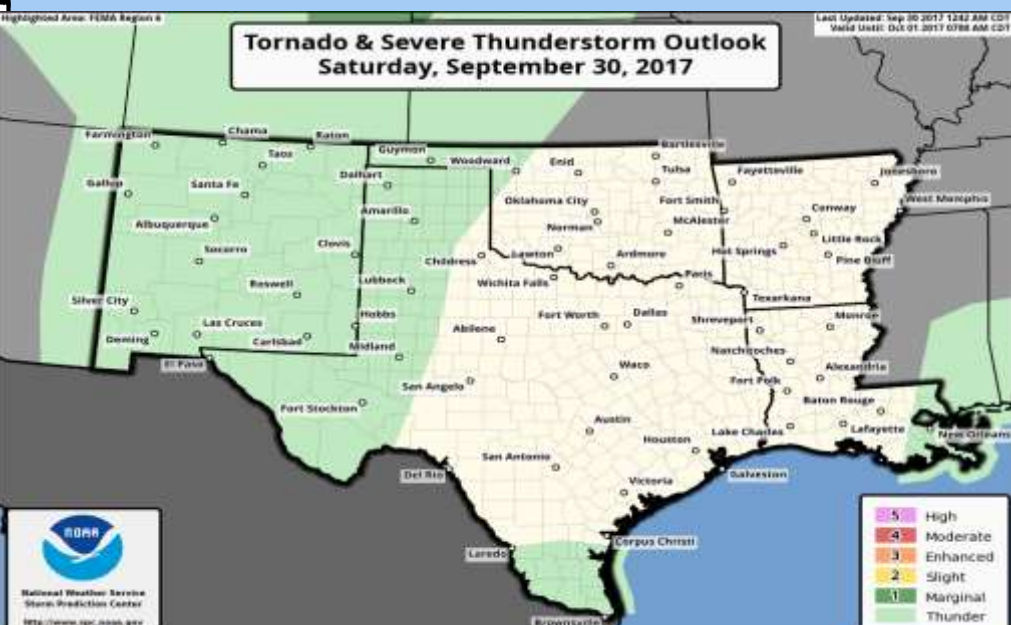
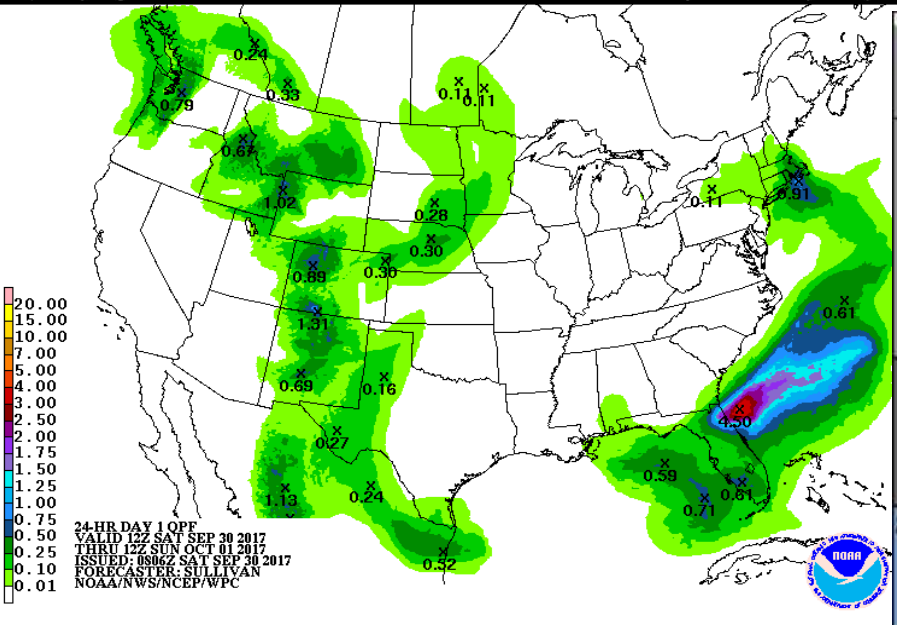


Day 1 National Forecast Chart
Valid Sat, Sep 30, 2017, issued 4:44 AM EDT
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by Kong with WPC/SPC/NHC forecasts

Rain
Rain and T'Storms
Rain and Snow
Snow
Flash Flooding Possible (hatched)
Severe T'Storms Possible (hatched)
Freezing Rain Possible (hatched)
Heavy Snow Possible (hatched)

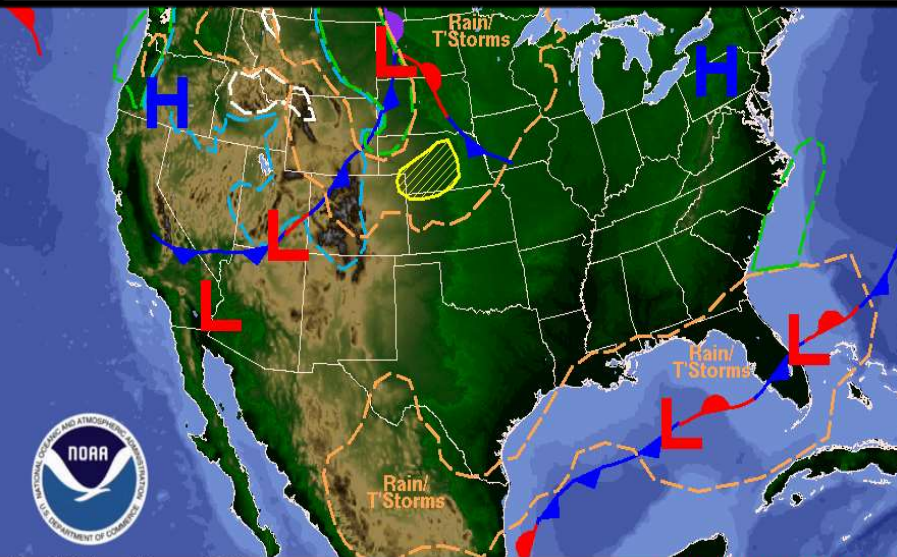
Moderate to major river flooding continues in SW TX and will slowly recede.

Flash flooding possible over north and central NM through this afternoon.



Tomorrow's Weather

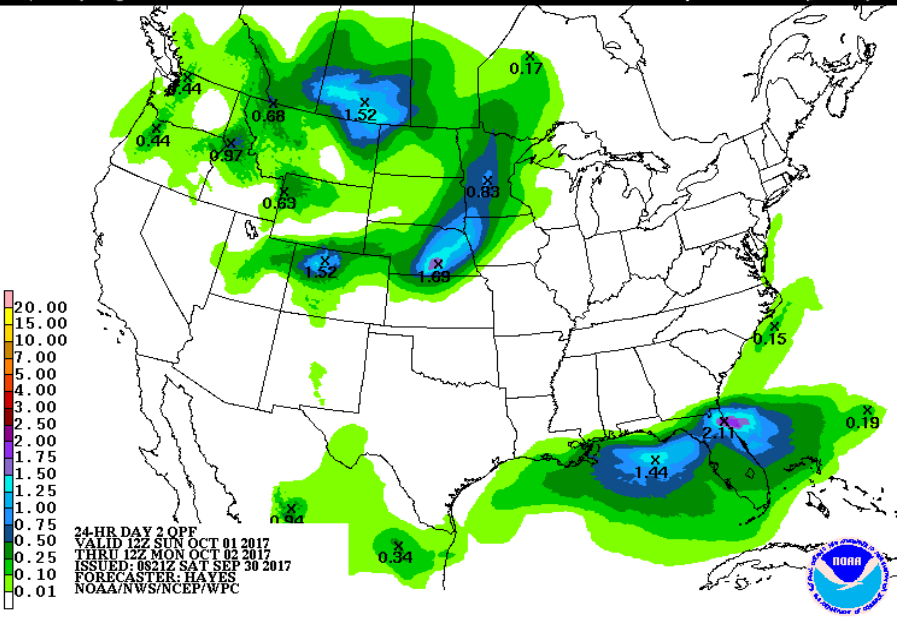
Moderate to major river flooding continues in SW TX and will slowly recede.



Day 2 National Forecast Chart

Valid Sun, Oct 01, 2017, issued 4:53 AM EDT Sat, Sep 30, 2017
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by Kong with WPC/SPC/NHC forecasts

Rain
Rain and T'Storms
Rain and Snow
Snow
Flash Flooding Possible (hatched)
Severe T'Storms Possible (hatched)
Freezing Rain Possible (hatched)
Heavy Snow Possible (hatched)

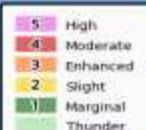


24-HR DAY 2 OPI
VALID 12Z SUN OCT 01 2017
THRU 12Z MON OCT 02 2017
ISSUED: 0821Z SAT SEP 30 2017
FORECASTER: HAYES
NOAA/NWS/NCEP/WPC

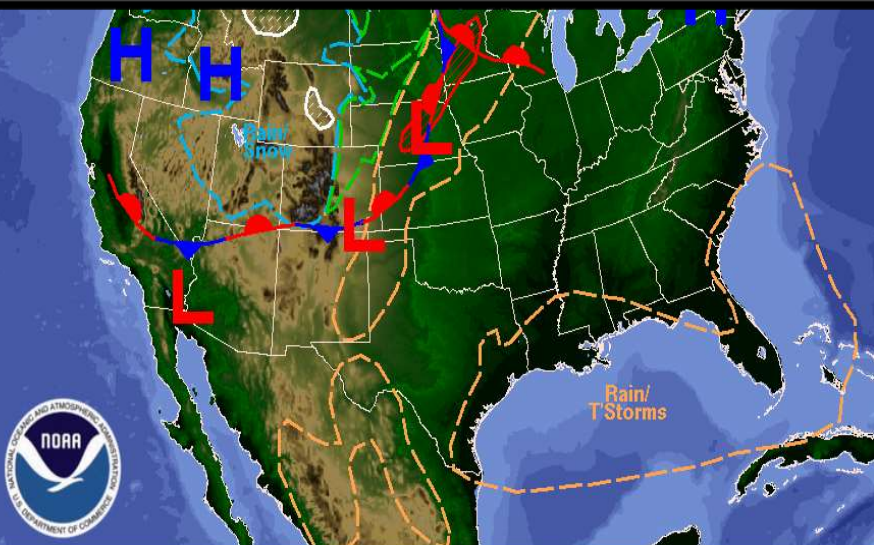


Tornado & Severe Thunderstorm Outlook Sunday, October 01, 2017

Last Updated: Sep 30 2017 12:59 AM CDT
Valid Until: Oct 02 2017 07:00 AM CDT



Monday's Weather

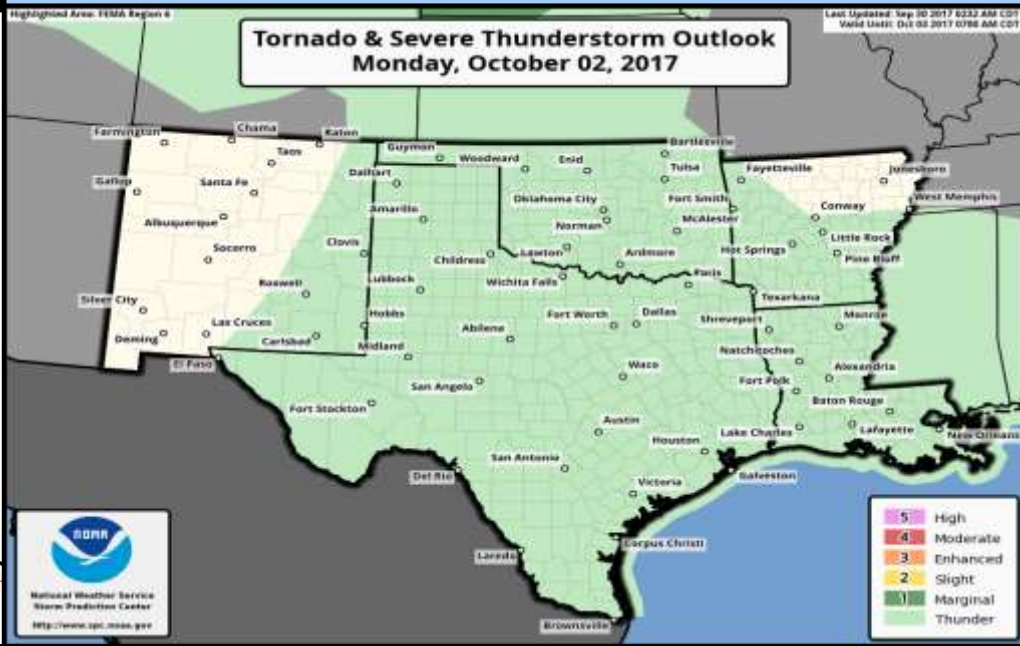
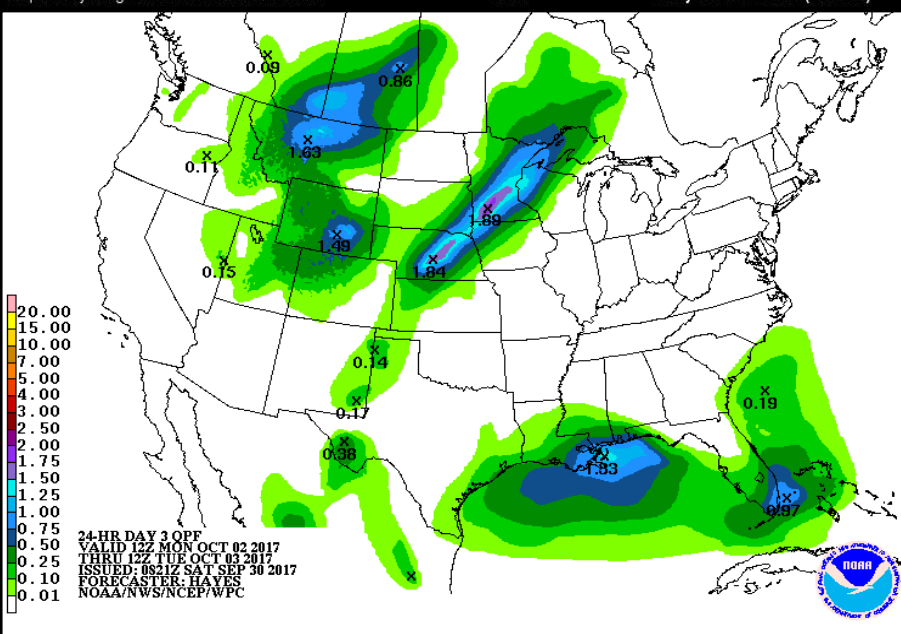


Day 3 National Forecast Chart

Valid Mon, Oct 02, 2017, issued 5:00 AM EDT Sat, Sep 30, 2017
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by Kong with WPC/SPC/NHC forecasts

Rain
Rain and T'Storms
Rain and Snow
Snow
Flash Flooding Possible (hatched)
Severe T'Storms Possible (hatched)
Freezing Rain Possible (hatched)
Heavy Snow Possible (hatched)

Moderate river flooding continues in SW TX and will slowly recede.

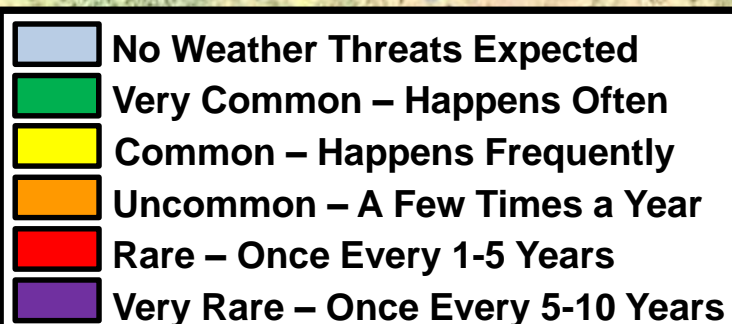


Day 4-5 Weather Hazards

Valid: 0800 Tue - 0800 Thu



**No Significant
Weather
Impacts**

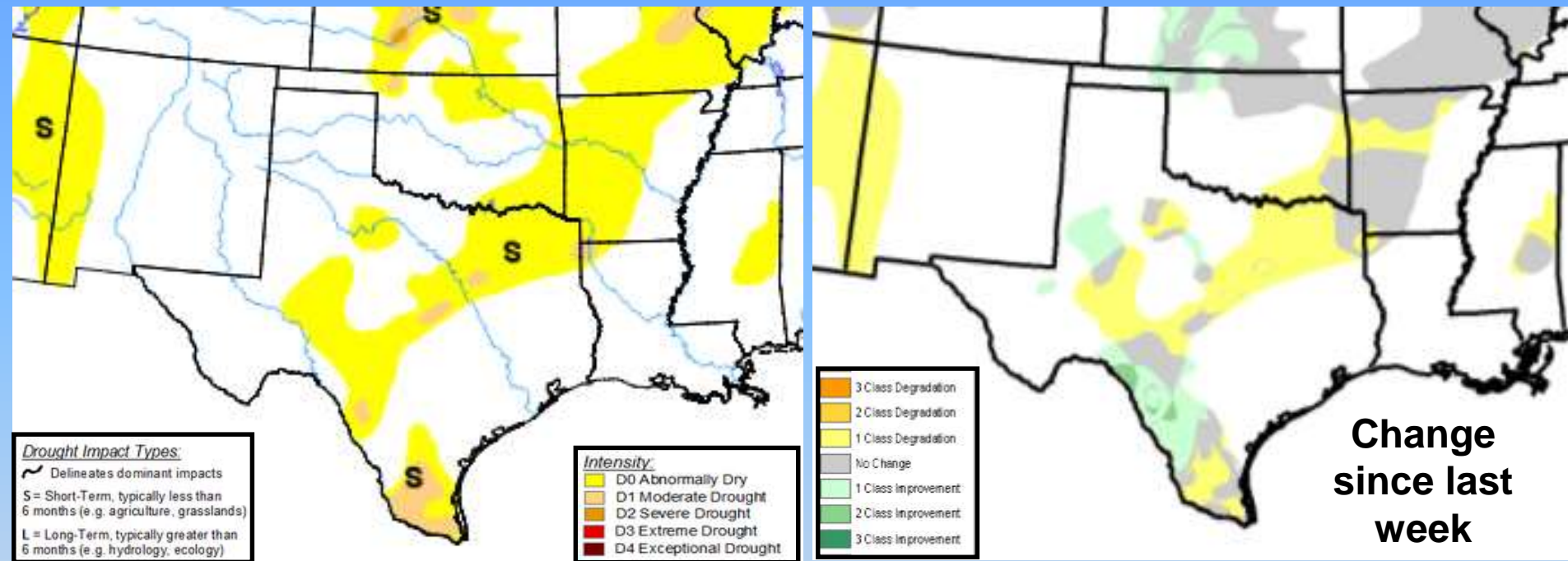


**Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.*



Drought Monitor Released 28 September, 2017

Data valid as of 7am CDT, Tuesday, September 26, 2017



Drought Conditions (Percent Area) in D3-D4 (Extreme to Exceptional Drought)

State	Current	Last Week	3 Months Ago	1 Year Ago
Oklahoma	0.00%	0.00%	0.00%	0.00%
Arkansas	0.00%	0.00%	0.00%	0.00%
Texas	0.00%	0.00%	0.00%	0.00%
Louisiana	0.00%	0.00%	0.00%	0.00%
New Mexico	0.00%	0.00%	0.00%	0.00%

Space Weather 3-Day Forecast



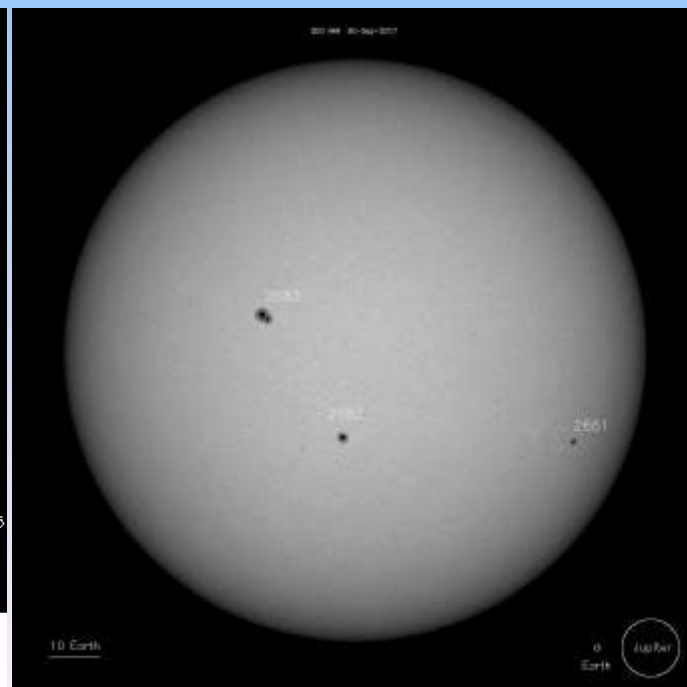
[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)

	Saturday	Sunday	Monday
Geomagnetic Storms	Unsettled to Active (Max Kp = 4)	Unsettled to Active (Max Kp = 4)	Quiet to Unsettled (Max Kp = 3)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



Normal Proton Background
NOAA/SWPC Boulder, CO USA



Information provided by:



National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Phone: (682) 703-3747 ***New Direct Number**
E-mail: sr-srh.roc@noaa.gov
Web: <http://www.weather.gov/srh> (**NEW link!!**)

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<https://www.facebook.com/NWSSouthern>

twitter

@NWS_Southern_US https://twitter.com/NWS_Southern_US

The criteria for the color codes in our briefings is below, please provide any feedback to sr-srh.roc@noaa.gov.



Weather "Threat" Matrix			
Color	Definition	Criteria	Example(s)
Green	Very Common Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	Somewhat Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1" hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms